

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claim 1 (previously presented):** A laser oscillator
2 device comprising:
3 an excitation beam source for generating an excitation
4 beam;
5 a lasing medium receiving said excitation beam for
6 amplifying light;
7 a laser oscillator for inducing resonance of light
8 emitted from said lasing medium to perform laser
9 oscillation; and
10 a cooling system comprising a cooling holder for
11 cooling and holding said lasing medium;
12 said cooling system using a gas as a heat-carrying
13 medium;
14 said cooling holder being in the shape of a tube
15 having openings on both end and housing a lasing medium;
16 and
17 said cooling holder and said lasing medium contacting
18 each other at only a single surface.

1 **Claim 2 (original):** A laser oscillator device in
2 accordance with claim 1, wherein said cooling system cools
3 the lasing medium to a temperature lower than the
4 evaporation temperature of liquid nitrogen.

Claims 3-7 (canceled)

1 **Claim 8 (previously presented):** A laser oscillator
2 device in accordance with claim 1, wherein said cooling
3 holder is composed mainly of copper.

1 **Claim 9 (original):** A laser oscillator device in
2 accordance with claim 1, wherein said lasing medium is a
3 titanium sapphire crystal.

1 **Claim 10 (previously presented):** A laser oscillator
2 device in accordance with claim 1, wherein said lasing
3 medium and said cooling holder are attached by means of a
4 material selected from among indium, silver paste, epoxy
5 and varnish.

Claims 11-15 (canceled)